Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

# D206-642-311BL
# Job Sheet 192078

**Part No:** D206-642-311BL **Job Qty:** 1 pcs
**Part Name:** Skidtube LH (Ael Blue)

**Part Weight:** 0 lbs **Status:** New **Priority:** Medium
**Job Created:** 3/15/19 **Job Tracking No:**
**Due Date:** 4/19/19 **Created By:** Marie Lajeunesse
**Type:** SOLD **Description:** order 14469

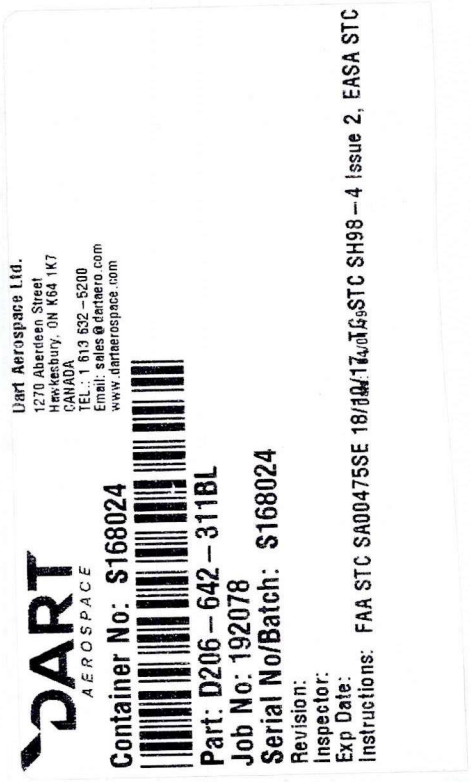
**Note:** DWG REV Q SHEETS 29-30 IPP Rev:J 05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec IPP Rev:L 08-09-29 as per DSI9421 DD verified by:EC IPP Rev:M as per REV.N DD 10.04.19 verified by:EC IPP Rev:N 14.04.25 ECN14-520 DD verf:JLM IPP REV:O 15.10.09 ADDED BL DD VERF:JLM

**Ship Via:**

## Bill of Materials

## Job Routing

| Op No | Operation | Qty | Start Date | Due Date | Standard Setup Hrs | Standard Run Hrs | Workcenter/Supplier | Sign-off |
|---|---|---|---|---|---|---|---|---|
| 110 | **Packaging 1 - Pick Kit** | 1 pcs | | 4/19/19 | 0.00 | 0.00 | Packaging 1 - 1 | |
| | | | | | | | Packaging 1 - 2 | |
| | | | | | | | Packaging 1 - 3 | |
| | | | | | | | Packaging 1 - 4 | |
| | | | | | | | Packaging 1 - 5 | |
| | | | | | | | Packaging 1 - 6 | |
| | | | | | | | Packaging 1 - 7 | |
| | | | | | | | Packaging 1 - 8 | |
| | | | | | | | Packaging 1 - 9 | |
| | | | | | | | Packaging 1 - 10 | |
| | | | | | | | Packaging 1 - 11 | |
| | | | | | | | Packaging 1 - 12 | |
| | | | | | | | Packaging 1 - 13 | |
| | | | | | | | Packaging 1 - 14 | |
| | | | | | | | Packaging 1 - 15 | |
| | | | | | | | Packaging 1 - 16 | |
| | | | | | | | Packaging 1 - 17 | |
| | | | | | | | Packaging 1 - 18 | |
| | | | | | | | Packaging 1 - 19 | |
| | | | | | | | Packaging 1 - 20 | |
| | | | | | | | Packaging 1 - 21 | |
| | | | | | | | Packaging 1 - 22 | |
| | | | | | | | Packaging 1 - 23 | |
| | | | | | | | Packaging 1 - 24 | |
| | | | | | | | Packaging 1 - 25 | |
| | | | | | | | Packaging 1 - 26 | |
| | | | | | | | Packaging 1 - 27 | |
| | | | | | | | Packaging 1 - 28 | |
| | | | | | | | Packaging 1 - 29 | |



| | | | | | |
|---|---|---|---|---|---|
| | | | | Packaging 1 - 30 | |
| | | | | Packaging 1 - 31 | |
| | | | | Packaging 1 - 32 | |
| | | | | Packaging 1 - 33 | |
| | | | | Packaging 1 - 34 | |
| | | | | Packaging 1 - 35 | |
| | | | | Packaging 1 - 36 | |
| 120 | **QC 4** | 1 pcs | 4/19/19 | 0.00 0.00 | QC 4 - 28 |
| | | | | | QC 4 - 42 |
| | | | | | QC 4 - 58 |
| | | | | | QC 4 - 69 |
| | | | | | QC 4 - 9 |
| | | | | | QC 4 - 46 |
| 125 | **DC - 1 - B4B** | 1 pcs | 4/19/19 | 0.00 0.00 | DC - 1 - B4B |
| | | | | | DC - 2 - B4B |
| 130 | **Packaging 3-1 - Stock - B4B** | 1 pcs | 4/19/19 | 0.00 0.00 | Packaging 3 - 1 - B4B |
| | | | | | Packaging 3 - 2 - B4B |
| | | | | | Packaging 3 - 3 - B4B |
| | | | | | Packaging 3 - 4 - B4B |
| | | | | | Packaging 3 - 5 - B4B |
| | | | | | Packaging 3 - 6 - B4B |
| | | | | | Packaging 3 - 7 - B4B |
| | | | | | Packaging 3 - 8 - B4B |
| | | | | | Packaging 3 - 9 - B4B |
| | | | | | Packaging 3 - 10 - B4B |
| | | | | | Packaging 3 - 11 - B4B |
| | | | | | Packaging 3 - 12 - B4B |
| | | | | | Packaging 3 - 13 - B4B |
| | | | | | Packaging 3 - 14 - B4B |
| | | | | | Packaging 3 - 15 - B4B |
| | | | | | Packaging 3 - 16 - B4B |
| | | | | | Packaging 3 - 17 - B4B |
| | | | | | Packaging 3 - 18 - B4B |
| | | | | | Packaging 3 - 19 - B4B |
| | | | | | Packaging 3 - 20 - B4B |
| | | | | | Packaging 3 - 21 - B4B |
| | | | | | Packaging 3 - 22 - B4B |
| | | | | | Packaging 3 - 23 - B4B |
| | | | | | Packaging 3 - 24 - B4B |
| | | | | | Packaging 3 - 25 - B4B |
| | | | | | Packaging 3 - 26 - B4B |
| | | | | | Packaging 3 - 27 - B4B |
| | | | | | Packaging 3 - 28 - B4B |
| | | | | | Packaging 3 - 29 - B4B |
| | | | | | Packaging 3 - 30 - B4B |
| | | | | | Packaging 3 - 31 - B4B |
| | | | | | Packaging 3 - 32 - B4B |
| | | | | | Packaging 3 - 33 - B4B |
| | | | | | Packaging 3 - 34 - B4B |
| | | | | | Packaging 3 - 35 - B4B |
| | | | | | Packaging 3 - 36 - B4B |
| 140 | **QC 21 - FG** | 1 pcs | 4/19/19 | 0.00 0.00 | QC 21 - FG - 21 |
| | | | | | QC 21 - FG - 70 |

DAS 46 9-89 APR 2 6 2019

DAS 46 9-89 APR 2 6 2019

DAS 21 9-89 APR 2 6 2019

Part Op Descriptions:
**110** - Pick Kit
**120** - QC4- 100% Inspect kits for completeness
**125** - Document Control Photocopy bluefile and create labels per PPP D206-642-311 CHG008
**130** - Identify as per dwg & Stock Location:_____ Identify and pack for shipping as per PPP D206-642-311 Location: _____ PPP Rev: _____
**140** - QC21- Final Inspection - Work Order Release

 008969

## Job BOM

| Part / Item | Component Name | Quantity | Operation | Container |
|---|---|---|---|---|
| AN3-41A | Bolt | 8 Ea (8 ea) | 110-Packaging 1 - Pick Kit | S133784 |
| AN4-6A | Bolt | 12 Ea (12 ea) | 110-Packaging 1 - Pick Kit | S113806 |
| AN4C5A | Bolt | 1 Ea (1 ea) | 110-Packaging 1 - Pick Kit | S057496-1 |
| AN5-10A | Bolt | 4 Ea (4 ea) | 110-Packaging 1 - Pick Kit | S149326 |
| AN5-11A | Bolt | 8 Ea (8 ea) | 110-Packaging 1 - Pick Kit | S144846 |
| AN5-12A | Bolt | 4 Ea (4 ea) | 110-Packaging 1 - Pick Kit | S003926 |
| D206-642-341BL | Replacement Skidtube (Fits LH or RH) | 1 pcs (1 ea) | 110-Packaging 1 - Pick Kit | S165650 |
| D206-648-013BL | Ground Handling Wheel Modification | 1 pcs (1 ea) | 110-Packaging 1 - Pick Kit | S136787 |
| D2652 | Bushing | 16 pcs (16 ea) | 110-Packaging 1 - Pick Kit | S114412 |
| D2712 | Set Screw | 10 pcs (10 ea) | 110-Packaging 1 - Pick Kit | S059551 |
| D2932-1BL | Saddle LH Out, 206 | 1 pcs (1 ea) | 110-Packaging 1 - Pick Kit | S131240 |
| D2933-1BL | Saddle LH In, 206 | 1 pcs (1 ea) | 110-Packaging 1 - Pick Kit | S130493 |
| D2934 | Saddle Spacer | 2 pcs (2 ea) | 110-Packaging 1 - Pick Kit | S054584 |
| D2935 | Saddle Spacer | 2 pcs (2 ea) | 110-Packaging 1 - Pick Kit | S101444 |
| D2938-1BL | Saddle LH Out, 206 | 1 pcs (1 ea) | 110-Packaging 1 - Pick Kit | S131090 |
| D2939-1BL | Saddle LH In, 206 | 1 pcs (1 ea) | 110-Packaging 1 - Pick Kit | S129738 |
| D3407-043BL | Tow Ring, Blue Prime/Paint | 1 pcs (1 ea) | 110-Packaging 1 - Pick Kit | S013079 |
| D3413-1BL | O-Ring S013079 | 1 pcs (1 ea) | 110-Packaging 1 - Pick Kit | ~~S133784~~ |
| D3456-1 | Washer | 1 pcs (1 ea) | 110-Packaging 1 - Pick Kit | ~~S113806~~ S127536 S157300 |
| D3457-1 | Washer S088582 | 2 pcs (2 ea) | 110-Packaging 1 - Pick Kit | ~~S088582~~ |
| MS21042L3 | Nut | 8 Ea (8 ea) | 110-Packaging 1 - Pick Kit | ~~S154469~~ S088582 |
| MS21042L4 | Nut | 12 Ea (12 ea) | 110-Packaging 1 - Pick Kit | S141468 |
| MS21043-4 | Nut | 1 Ea (1 ea) | 110-Packaging 1 - Pick Kit | S149143 |
| NAS1149C0463R | Washer | 1 Ea (1 ea) | 110-Packaging 1 - Pick Kit | S124667 |
| NAS1149D0363J | Washer | 8 Ea (8 ea) | 110-Packaging 1 - Pick Kit | S152662 |
| NAS1149D0463J | Washer | 25 Ea (25 ea) | 110-Packaging 1 - Pick Kit | S157445 |
| NAS1149D0563J | Washer | 8 Ea (8 ea) | 110-Packaging 1 - Pick Kit | S156686 |

## Job Allocations

| Operation | Component Part | Required | Inventory | Allocated |
|---|---|---|---|---|
| 110-Packaging 1 - Pick Kit | AN3-41A | 8 | 179 | 0 |
| | AN4-6A | 12 | 782 | 0 |
| | AN4C5A | 1 | 32 | 0 |
| | AN5-10A | 4 | 340 | 0 |
| | AN5-11A | 8 | 175 | 0 |
| | AN5-12A | 4 | 318 | 0 |
| | D206-642-341BL | 1 | 0 | 0 |
| | D206-648-013BL | 1 | 1 | 0 |
| | D2652 | 16 | 521 | 0 |
| | D2712 | 10 | 523 | 0 |
| | D2932-1BL | 1 | 2 | 0 |
| | D2933-1BL | 1 | 2 | 0 |
| | D2934 | 2 | 35 | 0 |
| | D2935 | 2 | 40 | 0 |
| | D2938-1BL | 1 | 2 | 0 |
| | D2939-1BL | 1 | 2 | 0 |
| | D3407-043BL | 1 | 11 | 0 |
| | D3413-1BL | 1 | 9 | 0 |
| | D3456-1 | 1 | 235 | 0 |
| | D3457-1 | 2 | 21 | 0 |
| | MS21042L3 | 8 | 3,588 | 0 |
| | MS21042L4 | 12 | 4,463 | 0 |
| | MS21043-4 | 1 | 1,114 | 0 |
| | NAS1149C0463R | 1 | 373 | 0 |
| | NAS1149D0363J | 8 | 1,868 | 0 |
| | NAS1149D0463J | 25 | 6,901 | 0 |
| | NAS1149D0563J | 8 | 1,503 | 0 |

## Part Specifications

Specifications could not be found.

*Plex 3/15/19 1:19 PM Dart.lajeunesse.marie*

Entered: _____ Date: _____

DART AEROSPACE

# WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No.

Route update only ☐

Job: _____

Part No. _____

**DISPOSITION**

Rework ☐
Scrap ☐
Use-as-is ☐

**DEPARTMENT/PROCESS**

Skid-tube ☐ Cross tube ☐ Eng. (Non-AW) ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Water Jet ☐
Large Fab ☐ Finishing ☐ Rec/Store/Packaging ☐ Supplier ☐
Quality ☐

| Date : | Sequence #: | QTY Affected : | MRB (QSI042) |
|---|---|---|---|

| Description Work Order Deviation | Disposition | Completed By |
|---|---|---|
| | | Lead hand / Supervisor |
| | | QC / QA Coordinator |

**Root Cause**

Operator ☐
Manufacturing Process ☐
Equip/Tooling ☐
Handling/Presservation ☐
Material ☐
Product Improvement ☐
Process Improvement ☐
Human Factors ☐

**FAULT CATEGORY**

☐ Pressure/Forced
☐ Bending
☐ Crushing
☐ Cracks
☐ Crimp/Kink/Ripple/Wave/Twist
☐ Marks/Chatter
☐ Mislabeled
☐ Contamination
☐ Misaligned/off center
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Incomplete/Unclear Instructions
☐ Drill Holes
☐ Fit/Function
☐ Power Loss/Surge
☐ Folio/Program
☐ Grain Direction
☐ Weld
☐ Wrong Stock Pulled
☐ Out of Sequence
☐ Off-set/Set-up
☐ Positioned Wrong
☐ Outside Tolerance
☐ Drawing
☐ Finish
☐ Part Lost/Missing
☐ Misread

Other/Details:

## 4.5 206 L/L-1/L-3/L-4/407 LOW & HIGH GEAR SKIDTUBES

| ITEM | QTY -311 | QTY -312 | QTY -313 | QTY -314 | QTY -341 | QTY -357 | QTY -349 | QTY -351 | QTY -013 | PART NUMBER | DESCRIPTION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | X | | | | | | | | | D206-642-311 | SKIDTUBE INSTALLATION, LH |
| | | X | | | | | | | | D206-642-312 | SKIDTUBE INSTALLATION, RH |
| | | | X | | | | | | | D206-642-313 | SKIDTUBE INSTALLATION, LH |
| | | | | X | | | | | | D206-642-314 | SKIDTUBE INSTALLATION, RH |
| | 1 | 1 | | | X | | | | | D206-642-341 | SKIDTUBE |
| | | | | | | X | | | | D206-642-357 | WEARSHOE KIT (REPLACES -347) |
| | | | | | | | X | | | D206-642-349 | RUN-ON LANDING WEARPLATE KIT |
| | | | 1 | 1 | | | | X | | D206-642-351 | SKIDTUBE |
| | 1 | 1 | 1 | 1 | | | | | X | D206-648-013 | GROUND HANDLING KIT |
| | | | | | | | | | | | |
| 1 | | | | | 1 | | | | | D2650-5 | SKIDTUBE ASSEMBLY |
| 1 | | | | | | | | 1 | | D4361-041 | SKIDTUBE ASSEMBLY |
| 2A | | | | | 14 | | | 4 | | D2651-1 | * PLUG (1) |
| 2B | | | | | 14 | | | 4 | | D2651-3 | * O-RING (1) |
| 3 | | | | | 1 | | | 1 | | D2646 | * AFT CAP (1) |
| 4 | | | | | 2 | | | 2 | | MS27039-1-08 | * SCREW (1) |
| 5 | | | | | 2 | | | 2 | | NAS1149D0332J | * WASHER (1) (OR AN960JD10L) |
| | | | | | | | | | | | |
| 6 | 1 | | 1 | | | | | | | D2932-1 | SADDLE, FWD OUT, LH |
| 6 | | 1 | | 1 | | | | | | D2932-2 | SADDLE, FWD OUT, RH |
| 7 | 1 | | 1 | | | | | | | D2933-1 | SADDLE, FWD IN, LH |
| 7 | | 1 | | 1 | | | | | | D2933-2 | SADDLE, FWD IN, RH |
| 8 | 1 | | 1 | | | | | | | D2938-1 | SADDLE, AFT OUT, LH |
| 8 | | 1 | | 1 | | | | | | D2938-2 | SADDLE, AFT OUT, RH |
| 9 | 1 | | 1 | | | | | | | D2939-1 | SADDLE, AFT IN, LH |
| 9 | | 1 | | 1 | | | | | | D2939-2 | SADDLE, AFT IN, RH |
| 10 | 8 | 8 | 8 | 8 | | | | | | AN3-41A | BOLT |
| 11 | 16 | 16 | 16 | 16 | | | | | | D2652 | BUSHING |
| 12A | 8 | 8 | 8 | 8 | | | | | | MS21042-3 | NUT (OR MS21042L3) |
| 12B | 8 | 8 | 8 | 8 | | | | | | NAS1149D0363J | WASHER (OR AN960JD10) |
| 13 | 4 | 4 | 4 | 4 | | | | | | AN5-10A (OR AN5-11A) | * BOLT (2) |
| 14 | 4 | 4 | 4 | 4 | | | | | | AN5-11A (OR AN5-12A) | * BOLT (2) |
| 15 | 8 | 8 | 8 | 8 | | | | | | NAS1149D0563J | WASHER (OR AN960JD516) |
| 16 | 12 | 12 | 12 | 12 | | | | | | AN4-6A | BOLT |
| 17 | 24 | 24 | 24 | 24 | | | | | | NAS1149D0463J | WASHER (OR AN960JD416) |
| 18 | 12 | 12 | 12 | 12 | | | | | | MS21042-4 | NUT (OR MS21042L4) |
| | | | | | | | | | | | |
| 20A | | | | | 6 | 6 | | | | D3537-1 | WEARPAD (REPLACES D2648-3) |
| 21A | | | | | 1 | 1 | | | | D3537-3 | WEARPAD (REPLACES D3429-1) |
| 22A | | | | | 1 | 1 | | | | D4956-11 | WEARSHOE (REPLACES D3535-11 + D3536-11) |
| 23A | | | | | 1 | 1 | | | | D4956-23 | WEARSHOE (REPLACES D3535-23 + D3536-23) |
| 24A | | | | | 1 | 1 | | | | D4956-35 | WEARSHOE (REPLACES D3535-35 + D3536-35) |
| 26A | | | | | 54 | 54 | | | | MS27039C1-08 | SCREW |
| 26B | | | | | 54 | 54 | | | | NAS1149C0332R | WASHER (OR AN960C10L) |
| 26C | | | | | 54 | | | | | ALS7-1032-130 | *INSERT (1) (or AKS4-1032-130, ALS4-1032-130, AELS-1032-130) |
| | | | | | | | | | | | |
| 30 | 1 | 1 | 1 | 1 | | | | | | D3407-043 | TOW RING ASSEMBLY (REPLACES D2968-043) |
| 32A | 1 | 1 | 1 | 1 | | | | | | D3456-1 | WASHER |
| 32B | 2 | 2 | 2 | 2 | | | | | | D3457-1 | WASHER |
| 33 | 1 | 1 | 1 | 1 | | | | | | MS21043-4 | NUT |
| | | | | | | | | | | | |
| 34 | 1 | 1 | 1 | 1 | | | | | | AN4C5A | BOLT |
| 35 | 1 | 1 | 1 | 1 | | | | | | NAS1149C0463R | WASHER (OR AN960C416) |
| 36 | 1 | 1 | 1 | 1 | | | | | | D3413-1 | RING (REPLACES D2655) |
| | | | | | | | | | | | |
| 37 | 10 | 10 | 10 | 10 | | | | | | D2712 | SET SCREW |
| 38 | 2 | 2 | 2 | 2 | | | | | | D2934 | SADDLE SPACER |
| 39 | 2 | 2 | 2 | 2 | | | | | | D2935 | SADDLE SPACER |
| | | | | | | | | | | | |
| 40 | | | | | | | | | 2 | D3414-041 | GHW LUG (REPLACES D2659) |
| 41 | | | | | | | | | 4 | AN3C37A | BOLT |
| 42 | | | | | | | | | 8 | D2652 | BUSHING |
| 43 | | | | | | | | | 4 | MS21043-3 | NUT |
| 44 | | | | | | | | | 4 | NAS1149C0363R | WASHER (OR AN960C10) |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

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